

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Fazle Khan, MBBS, MPH., Chief
Office of Surveillance

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) June 2002
(through week 26 ending June 29, 2002)

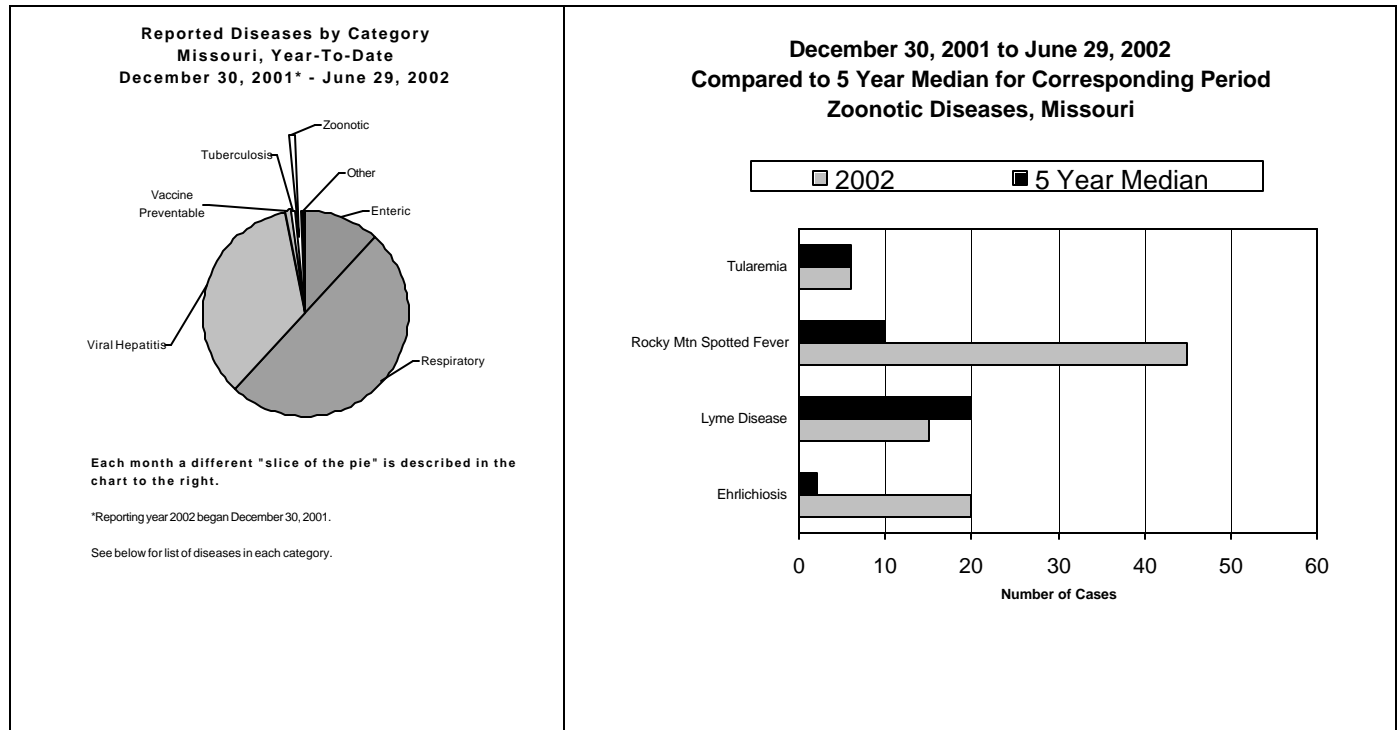
DATE: August 1, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at www.dhss.state.mo.us under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

Monthly Communicable Disease Update, June, 2002 (Provisional Data)



Reported Cases of Selected Diseases by Category

	2002	2002	2001	5 Year Median	% Change	Number of Cases, June 2002 by Health District							
	June	YTD	YTD	YTD	5 Year Median	CD	ED	NE	NW	SE	SW	Unk	
Enteric Diseases													
Campylobacteriosis	62	261	263	258	+	1.16%	8	36	1	4	6	7	
Cryptosporidiosis	0	16	17	8	+	100.00%	0	0	0	0	0	0	
E. coli O157:H7 #	6	21	19	18	+	16.67%	2	2	0	0	1	1	
Giardiasis	38	228	321	296	-	22.97%	5	24	0	5	0	4	
Listeria monocytogenes	2	5	3	5		0.00%	1	1	0	0	0	0	
Salmonellosis	58	369	214	310	+	19.03%	11	23	3	9	6	6	
Shigellosis	14	69	126	126	-	45.24%	1	13	0	0	0	0	
Yersinia enterocolitica	1	9	8	7	+	28.57%	0	1	0	0	0	0	
Respiratory													
Influenza (Lab Confirmed)	112	4185	1868	1073	+	290.03%	3	3	0	106	0	0	
Legionellosis	2	8	9	9	-	11.11%	1	1	0	0	0	0	
Viral Hepatitis													
Hepatitis A	12	50	40	217	-	76.96%	1	0	0	1	9	0	1
Hepatitis B	6	63	63	81	-	22.22%	0	2	0	0	2	2	
Hepatitis C (Acute)*	1	5	1	na	na	na	0	0	0	1	0	0	
Hepatitis C (Other)*	336	2814	4864	na	na	na	45	145	7	83	25	31	
Vaccine Preventable													
Mumps	0	3	0	1	+	200.00%	0	0	0	0	0	0	
Pertussis	6	54	51	26	+	107.69%	0	3	0	1	2	0	
Tuberculosis													
Tuberculosis Disease	12	63	61	83	-	24.10%	0	10	0	0	2	0	
Zoonotic													
Ehrlichiosis	11	20	17	2	+	900.00%	3	4	0	0	2	2	
Lyme Disease	5	15	20	20	-	25.00%	0	1	2	1	0	1	
Rocky Mtn Spotted Fever	21	45	25	10	+	350.00%	0	2	0	2	4	13	
Tularemia	2	6	8	6		0.00%	1	0	1	0	0	0	
Other													
HIB Disease	3	8	12	8		0.00%	0	2	0	1	0	0	
Malaria	0	8	6	6	+	33.33%	0	0	0	0	0	0	
Meningococcal Disease	3	32	35	52	-	38.46%	1	2	0	0	0	0	

*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

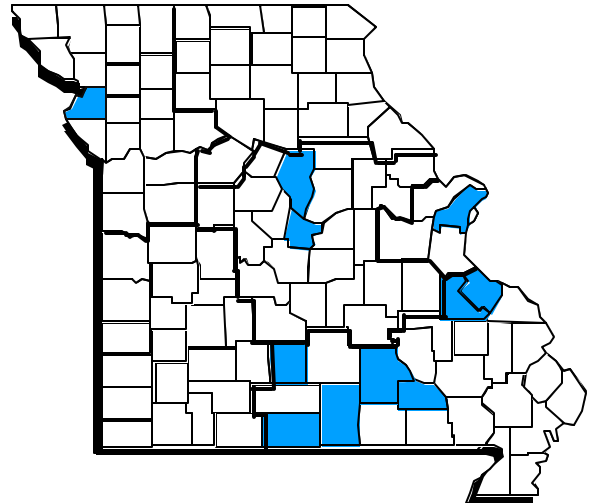
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Monthly Communicable Disease Update, June, 2002 (Provisional Data)

Confirmed Rabies in Animals

Species	June		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	61	0	324	0
Cat	61	0	291	0
Bat	62	2	191	6
Skunk	2	1	25	11
Fox	1	0	7	0
Cow	2	0	13	1
Horse	2	0	9	0
Ferret	1	0	5	0
Raccoon	12	0	64	0
Rodent/Rabbit	16	0	59	0
Other Domestic	1	0	2	0
Other Wild	1	0	16	0
Exotic	0	0	0	0
Unknown	0	0	1	0
Total	222	3	1007	18

Confirmed Animal Rabies in Missouri
By Health District
December 30, 2001 - June 29, 2002



Counties Under Rabies Alert: Howell and Shannon

Active Surveillance System

Local health agencies have established surveillance sites that report clinical syndromes and demographic information. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Implementation of the High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS). The Office of Surveillance runs a daily flagging report to detect aberrations in the data. The Office of Surveillance also provides a weekly feedback report to participating sites. If you would like to become a HASS site, please contact your local health agency.

2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025